

Examiner-Initiated Interview Summary	Application No.	Applicant(s)	
	10/669,744	TSUNEMATSU, SHINICHIRO	
	Examiner	Art Unit	
	Thomas A. Morrison	3653	

All Participants:
Status of Application: _____

 (1) Thomas A. Morrison.

 (3) Mr. Charles R. Watts (Reg. No. 33,142).

(2) _____.

(4) _____.

Date of Interview: 14 August 2006
Time: _____

Type of Interview:

- ☒ Telephonic
☐ Video Conference
☐ Personal (Copy given to: ☐ Applicant ☐ Applicant's representative)

Exhibit Shown or Demonstrated: ☐ Yes ☒ No

If Yes, provide a brief description:

Part I.
Rejection(s) discussed:

None

Claims discussed:

1, 3, 6 and 7

Prior art documents discussed:

None

Part II.
SUBSTANCE OF INTERVIEW DESCRIBING THE GENERAL NATURE OF WHAT WAS DISCUSSED:

See Continuation Sheet

Part III.

- ☒ It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview directly resulted in the allowance of the application. The examiner will provide a written summary of the substance of the interview in the Notice of Allowability.
☐ It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview did not result in resolution of all issues. A brief summary by the examiner appears in Part II above.


PATRICK MACKEY
PRIMARY EXAMINER


 (Examiner/SPE Signature)

 (Applicant/Applicant's Representative Signature – if appropriate)

Continuation of Substance of Interview including description of the general nature of what was discussed: Contacted Mr. Watts (applicant's representative) on 8/14/2006 to get permission to amend claims 1, 3, 6 and 7 via an examiner's amendment to provide proper antecedent basis in these claims. On 8/15/2006 Mr. Watts faxed a proposed amendment (copy attached). After reviewing the proposed amendment, the examiner added such amendments by the attached examiner's amendment.

FACSIMILE COVER SHEET

Date: August 15, 2006

To: Examiner Thomas A. Morrison, Group Art Unit 3653

Fax No.: (571) 273-7221

Confirmation No. 4503

From: Charles R. Watts

Number of pages being transmitted, including this cover sheet: 3

Please direct all questions concerning the transmittal of these pages to Janae Johnson.

RE: Serial No. 10/669,744 (Shinichiro TSUNEMATSU), filed September 25, 2003

MESSAGE:

Dear Mr. Morrison,

Attached is a proposal for amending claims 1, 3, 6 and 7 by Examiner's Amendment to address the concerns which you raised. Please call me at 202-721-8200 if you have any further questions.

Thank You,

 #33142

Charles R. Watts

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PROPOSED CLAIMS

1. (Currently amended) A discrete paper feeder comprising:
 - a separation roller for separating a single sheet of paper from a plurality of paper sheets;
 - a transfer roller arranged so as to be downstream of said separation roller in a direction of transfer of said sheet of paper and driven to rotate with a predetermined peripheral speed difference with respect to said separation roller;
 - a sun gear;
 - a ring-shaped geared section provided coaxially with said sun gear and having an internally-toothed gear on an inner periphery;
 - a planetary gear support section provided at an end portion of a rotation shaft of said separation roller;
 - a planetary gear supported on said planetary gear support section and engaging said sun gear and said internally-toothed gear;
 - a disc member having a first side secured to said ring-shaped geared section and a second side, opposite said first side, having a at least one groove formed therein;
 - a lever member provided on said second side of said disc member in a manner slidable in a radial direction of said disc member; and
 - a slide pin projecting from said lever member and slidable along ~~said grooves~~ at least one groove of said disc member upon rotation of said disc member.
3. (Currently amended) The discrete paper feeder of claim 1, wherein said disc member includes an engagement section at an end of said at least one groove to engage said slide pin.
6. (Currently amended) The discrete paper feeder of claim 1, wherein said at least one groove of said disc member has, as said groove includes:
 - an engagement groove having an engagement section for engaging said slide pin;
 - a slide groove for peripheral speed difference disposed in series with said engagement groove

along a periphery of said disc member; and

a slide groove for manuscript interval disposed in series with said slide groove for peripheral speed difference and disposed in a manner extending from said slide groove for peripheral speed difference to the periphery of said disc member.

7. (Currently amended) The discrete paper feeder of claim 61, wherein said at least one groove of said disc member ~~has~~ includes a plurality of ~~said engagement grooves~~, grooves having engagement sections, respectively, for engaging said slide pin;

a plurality of slide grooves for peripheral speed difference disposed in series with said engagement grooves, respectively, along a periphery of said disc member; and

a plurality of slide grooves for manuscript interval disposed in series with said slide grooves for peripheral speed difference, respectively, and disposed in a manner extending from said slide grooves for peripheral speed difference, respectively, to the periphery of said disc member;

wherein said slide grooves for peripheral speed difference, and said slide grooves for manuscript interval are disposed respectively at even angular intervals about a center of said disc member; ~~member;~~ member; and

wherein each of said slide grooves for manuscript interval extends toward the periphery of said disc member and connects to each of neighboring ones of said engagement grooves.